

Converting Colors

XYZ(53.8413, 51.5044, 38.8549)

Have a look what the booklet for
XYZ(53.8413, 51.5044, 38.8549)
contains.

XYZ(53.9737, 51.6508, 39.0232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9737, 51.6508,
39.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B59D
RGB	226, 181, 157
RGB Percent	89%, 71%, 62%
CMY	0.1137, 0.2902, 0.3843
CMYK	0.00, 0.20, 0.31, 0.11
HSL	21°, 54%, 75%
HSV	21°, 31%, 89%
XYZ	53.9737, 51.6508, 39.0232
YIQ	191.7190, 34.5240, 2.0760

Conversions

Conversions Part 2

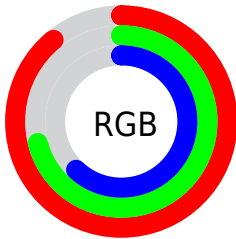
Format	Color
R _Y B	226, 194, 157
Decimal	14857629
CIE Lab	77.07, 12.88, 18.40
CIE LCh	77, 22.462, 55.018
Yxy	51.6508, 0.3731, 0.3571
Android (android.graphics.Color)	4293047709 (0xFFE2B59D)
YUV	191.7190, -17.1165, 30.0644
Hunter-Lab	71.8685, 8.2848, 18.1146

Details

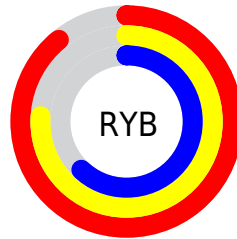
The XYZ color **53.9737, 51.6508, 39.0232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7520, 54.8985, 79.9786**, and the grayscale version is **50.0227, 52.6278, 57.3116**.

A 20% lighter version of the original color is **83.4079, 86.5818, 74.6033**, and **26.8983, 25.0250, 17.0483** is the 20% darker color. If you saturate the color by 10%, you get **49.3802, 45.2712, 28.8370**, and if you desaturate by 10%, it is **59.2438, 58.8120, 51.1969**.

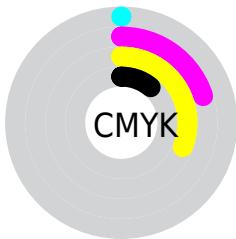
Distribution



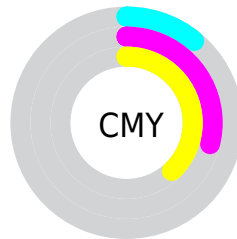
- Red (89%)
- Green (71%)
- Blue (62%)



- Red (89%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9737, 51.6508, 39.0232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.9737, 51.6508, 39.0232 by changing the saturation by 10% instead.


 53.9737, 51.6508,
39.0232


 53.9737, 51.6508,
39.0232


392.2097,
393.0870, 357.4180

 38.8112, 36.7268,
26.4698

 95.1927, 92.6160,
74.8945

 26.7930, 24.9960,
16.9465


 121.9800,
119.4261, 99.0495

 17.5536, 16.0741,
10.0348


153.3730,
150.9669, 127.9087

 10.7277, 9.5766,
5.3161

189.7369,
187.6230, 161.8908

 5.9500, 5.1192,
2.3720

231.4372,
229.7786, 201.4142

 2.8551, 2.3173,
0.7711

278.8392,

 1.0776, 0.7829,

277.8182, 246.8975

0.0000

332.3082,
332.1262, 298.7593

■ 0.0062, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9737, 51.6508,
39.0232

■ 53.9737, 51.6508,
39.0232

■ 49.3802, 45.2712,
28.8370

■ 59.2438, 58.8120,
51.1969

■ 45.4298, 39.6385,
20.5279

■ 65.2142, 66.7736,
65.4538

■ 42.0920, 34.7259,
13.9799

■ 71.9120, 75.5629,
81.8873

■ 39.3316, 30.5019,
9.0622

■ 79.3619, 85.2034,
100.5841

■ 37.1096, 26.9323,
5.6256

■ 85.0765, 94.7136,
108.4053

■ 35.3808, 23.9796,
3.4929

■ 85.1741, 94.9088,
108.4378

■ 34.1330, 21.7066,
2.3908

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.9507, 51.6508, 46.8308



53.9737, 51.6508, 39.0232



49.8121, 51.6508, 35.8397

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9737, 51.6508, 39.0232



41.3271, 51.6508, 54.2129



52.6632, 51.6508, 80.4694

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.9737, 51.6508, 39.0232



48.7520, 54.8985, 79.9786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.3799, 51.6508, 83.2002



53.9737, 51.6508, 39.0232



41.9926, 51.6508, 66.8296

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9737, 51.6508, 39.0232



42.6412, 51.6508, 43.7565



44.5149, 51.6508, 77.8932



56.1638, 51.6508, 70.8946

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9737, 51.6508, 39.0232



46.9865, 51.6508, 36.3736



44.5149, 51.6508, 77.8932



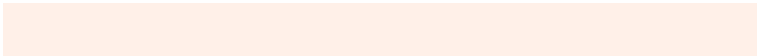
51.2605, 51.6508, 82.2721

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.9750, 51.6532, 39.0243



86.9827, 89.4293, 89.0583



54.2009, 44.5951, 62.2513



18.3547, 18.7939, 18.4236



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9750, 51.6532, 39.0243



66.8170, 62.1706, 42.0351



61.6234, 66.9500, 41.5737



14.0953, 14.4765, 14.3581



19.5733, 12.5844, 1.3974



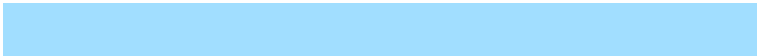
1.4385, 1.0358, 0.1241

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.7520, 54.8985, 79.9786



58.8456, 67.0970, 104.4573



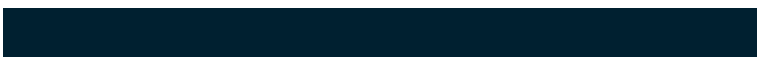
41.7278, 40.8500, 77.6372



13.6943, 14.7277, 17.5086



13.9325, 15.3345, 43.2739



1.0485, 1.2285, 3.0271

Previews

White Background



This preview shows how the XYZ color 53.9737, 51.6508, 39.0232 looks on a white background.

Color Contrast Check

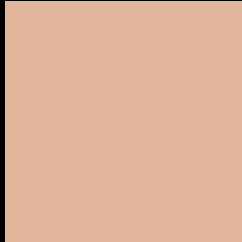
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.9737, 51.6508, 39.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

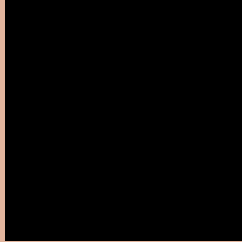
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9737, 51.6508, 39.0232

Background



This preview shows how black text looks on a background with the XYZ color 53.9737, 51.6508, 39.0232.



This preview shows how white text looks on a background with the XYZ color 53.9737, 51.6508,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.9737, 51.6508, 39.0232

Protanopia

48.9339, 51.8176, 41.1409

Deuteranopia

52.8381, 51.6734, 39.0874



Tritanopia

57.4527, 51.5914, 55.6452

Trichromacy



Original Color

53.9737, 51.6508, 39.0232

Protanomaly

50.6938, 51.7804, 40.5805

Deuteranomaly

53.2452, 51.5782, 39.0476

Tritanomaly

56.2694, 51.7132, 49.1354

Monochromacy



Original Color

53.9737, 51.6508, 39.0232

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0217, 52.0585, 50.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9737, 51.6508, 39.0232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 157) }
```

Border

The CSS property to change the border of an element to XYZ 53.9737, 51.6508, 39.0232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 181, 157) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 181, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9737, 51.6508, 39.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
181, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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